

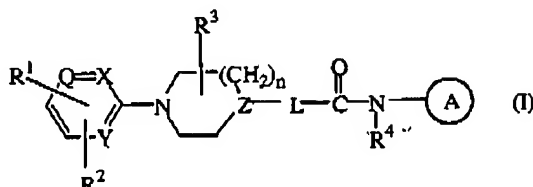
Listing of Claims:

This listing of claims replaces all prior versions, and listings, of claims in the captioned application.

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OCT 03 2008

1. (Previously presented) A compound of formula (I),



N-oxide forms, pharmaceutically acceptable salts or stereo-chemically isomeric forms thereof, wherein

n is 0, 1, 2 or 3 and when *n* is 0 then a direct bond is intended;

each Q is ;

each X is nitrogen;

each Y is nitrogen;

each Z is nitrogen or ;

R^1 is $-C(O)NR^7R^8$, $-N(H)C(O)R^9$, $-C(O)-C_{1-6}alkanedioylSR^9$, $-NR^{10}C(O)N(OH)R^9$, $-NR^{10}C(O)C_{1-6}alkanedioylSR^9$, or $-NR^{10}C(O)C=N(OH)R^9$

wherein R^7 and R^8 are each independently selected from hydrogen, hydroxy, $C_{1-6}alkyl$, hydroxy $C_{1-6}alkyl$, amino $C_{1-6}alkyl$ or aminoaryl;

R^9 is independently selected from hydrogen, $C_{1-6}alkyl$, $C_{1-6}alkylcarbonyl$, aryl $C_{1-6}alkyl$, $C_{1-6}alkylpyrazinyl$, pyridinone, pyrrolidinone or methylimidazolyl;

R^{10} is independently selected from hydrogen or $C_{1-6}alkyl$;

R^2 is hydrogen, halo, hydroxy, amino, nitro, $C_{1-6}alkyl$, $C_{1-6}alkyloxy$, trifluoromethyl, di($C_{1-6}alkyl$)amino, hydroxyamino or naphthalenylsulfonylpyrazinyl;

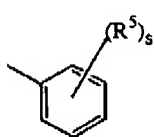
R^3 is hydrogen, hydroxy, amino, hydroxy $C_{1-6}alkyl$, $C_{1-6}alkyl$, $C_{1-6}alkyloxy$, aryl $C_{1-6}alkyl$, aminocarbonyl, hydroxycarbonyl, amino $C_{1-6}alkyl$, aminocarbonyl $C_{1-6}alkyl$, hydroxycarbonyl $C_{1-6}alkyl$, hydroxyaminocarbonyl, $C_{1-6}alkyloxycarbonyl$, $C_{1-6}alkylaminoC_{1-6}alkyl$ or di($C_{1-6}alkyl$)amino $C_{1-6}alkyl$;

when Z is equal to nitrogen, then-L- is a direct bond;

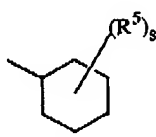
when Z is equal to $-\text{CH}-$, then -L- is -NH- or the bivalent radical
-C₁₋₆alkanediylNH-;

R⁴ is hydrogen, C₁₋₆alkyl, C₃₋₁₀cycloalkyl, hydroxyC₁₋₆alkyl, C₁₋₆alkyloxyC₁₋₆alkyl,
di(C₁₋₆alkyl)aminoC₁₋₆alkyl or aryl;

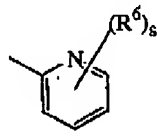
— is a radical selected from



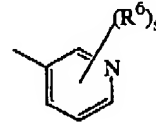
(a-1)



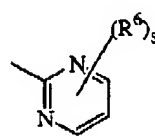
(a-2)



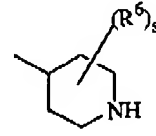
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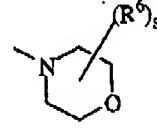
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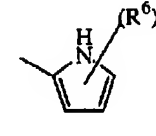
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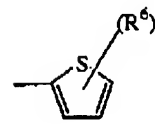
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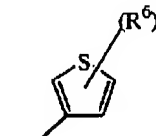
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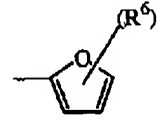
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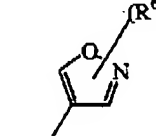
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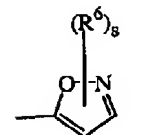
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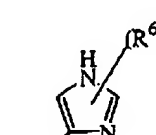
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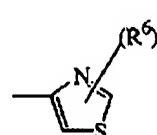
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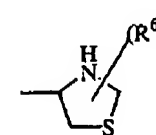
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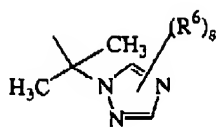
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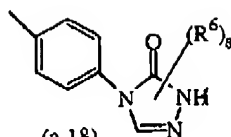
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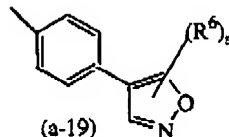
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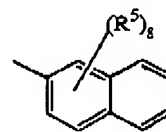
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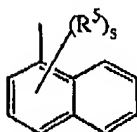
(a-18)



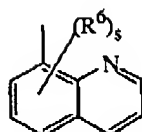
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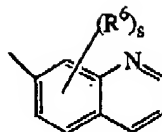
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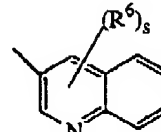
(a-21)



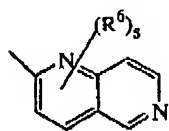
(a-22)



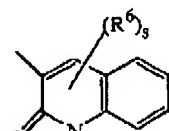
(a-23)



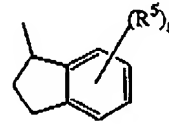
(a-24)



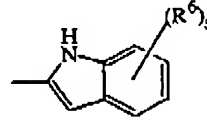
(a-25)



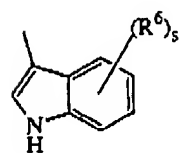
(a-26)



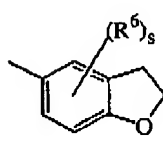
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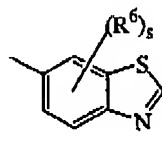
(a-28)



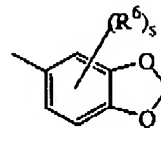
(a-29)



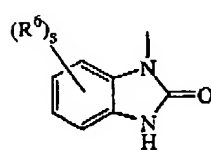
(a-30)



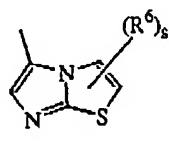
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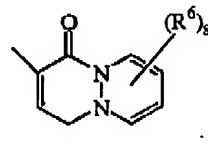
(a-32)



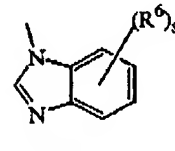
(a-33)



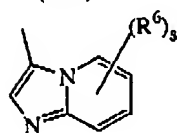
(a-34)



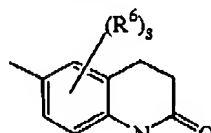
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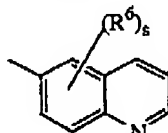
(a-36)



(a-37)



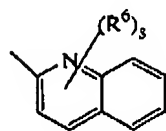
(a-38)



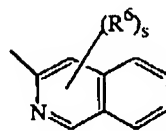
(a-39)



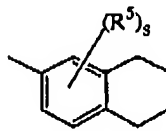
(a-40)



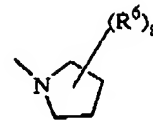
(a-41)



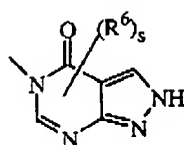
(a-42)



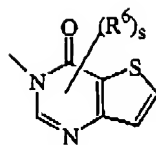
(a-43)



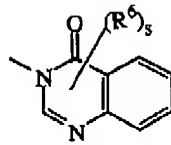
(a-44)



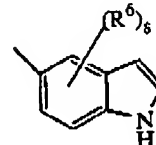
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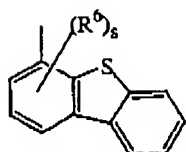
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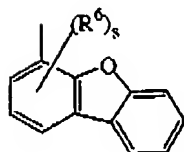
(a-47)



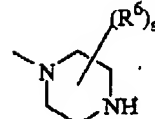
(a-48)



(a-49)



(a-50)



(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

each R^5 and R^6 are independently selected from hydrogen; halo; hydroxy; amino; nitro; trihaloC₁₋₆alkyl; trihaloC₁₋₆alkyloxy; C₁₋₆alkyl; C₁₋₆alkyl substituted with aryl and C₃₋₁₀cycloalkyl; C₁₋₆alkyloxy; C₁₋₆alkyloxyC₁₋₆alkyloxy; C₁₋₆alkylcarbonyl; C₁₋₆alkyloxycarbonyl; C₁₋₆alkylsulfonyl; cyanoC₁₋₆alkyl; hydroxyC₁₋₆alkyl; hydroxyC₁₋₆alkyloxy; hydroxyC₁₋₆alkylamino; aminoC₁₋₆alkyloxy; di(C₁₋₆alkyl)aminocarbonyl; di(hydroxyC₁₋₆alkyl)amino; (aryl)(C₁₋₆alkyl)amino; di(C₁₋₆alkyl)aminoC₁₋₆alkyloxy; di(C₁₋₆alkyl)aminoC₁₋₆alkylamino; di(C₁₋₆alkyl)aminoC₁₋₆alkylaminoC₁₋₆alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC₁₋₆alkyl; arylC₂₋₆alkenediyl; di(C₁₋₆alkyl)amino; di(C₁₋₆alkyl)aminoC₁₋₆alkyl; di(C₁₋₆alkyl)amino(C₁₋₆alkyl)amino; di(C₁₋₆alkyl)amino(C₁₋₆alkyl)aminoC₁₋₆alkyl; di(C₁₋₆alkyl)aminoC₁₋₆alkyl(C₁₋₆alkyl)amino; di(C₁₋₆alkyl)aminoC₁₋₆alkyl(C₁₋₆alkyl)aminoC₁₋₆alkyl; aminosulfonylamino(C₁₋₆alkyl)amino; aminosulfonylamino(C₁₋₆alkyl)aminoC₁₋₆alkyl; di(C₁₋₆alkyl)aminosulfonylamino(C₁₋₆alkyl)amino; di(C₁₋₆alkyl)aminosulfonylamino(C₁₋₆alkyl)aminoC₁₋₆alkyl; cyano; thiophenyl; thiophenyl substituted with di(C₁₋₆alkyl)aminoC₁₋₆alkyl(C₁₋₆alkyl)aminoC₁₋₆alkyl; di(C₁₋₆alkyl)aminoC₁₋₆alkyl, C₁₋₆alkylpiperazinylC₁₋₆alkyl, hydroxyC₁₋₆alkylpiperazinylC₁₋₆alkyl, hydroxyC₁₋₆alkyloxyC₁₋₆alkylpiperazinylC₁₋₆alkyl, di(C₁₋₆alkyl)aminosulfonylpiperazinylC₁₋₆alkyl, C₁₋₆alkyloxypiperidinyl, C₁₋₆alkyloxypiperidinylC₁₋₆alkyl, morpholinylC₁₋₆alkyl, hydroxyC₁₋₆alkyl(C₁₋₆alkyl)aminoC₁₋₆alkyl, or di(hydroxyC₁₋₆alkyl)aminoC₁₋₆alkyl; furanyl; furanyl substituted with hydroxyC₁₋₆alkyl; benzofuranyl; imidazolyl; oxazolyl;

oxazoly) substituted with aryl and C₁₋₆alkyl; C₁₋₆alkyltriazoly; tetrazoly; pyrrolidinyl;
pyrrolyl; piperidinylC₁₋₆alkyloxy; morpholinyl; C₁₋₆alkylmorpholinyl; morpholinylC₁₋₆
alkyloxy;
morpholinylC₁₋₆alkyl; morpholinylC₁₋₆alkylamino;
morpholinylC₁₋₆alkylaminoC₁₋₆alkyl; piperazinyl; C₁₋₆alkylpiperazinyl;
C₁₋₆alkylpiperazinylC₁₋₆alkyloxy; piperazinylC₁₋₆alkyl; naphtalenylsulfonylpiperazinyl;
naphtalenylsulfonylpiperidinyl; naphtalenylsulfonyl;
C₁₋₆alkylpiperazinylC₁₋₆alkyl; C₁₋₆alkylpiperazinylC₁₋₆alkylamino;
C₁₋₆alkylpiperazinylC₁₋₆alkylaminoC₁₋₆alkyl; C₁₋₆alkylpiperazinylsulfonyl;
aminosulfonylpiperazinylC₁₋₆alkyloxy; aminosulfonylpiperazinyl;
aminosulfonylpiperazinylC₁₋₆alkyl; di(C₁₋₆alkyl)aminosulfonylpiperazinyl;
di(C₁₋₆alkyl)aminosulfonylpiperazinylC₁₋₆alkyl; hydroxyC₁₋₆alkylpiperazinyl;
hydroxyC₁₋₆alkylpiperazinylC₁₋₆alkyl; C₁₋₆alkyloxypiperidinyl;
C₁₋₆alkyloxypiperidinylC₁₋₆alkyl; piperidinylaminoC₁₋₆alkylamino; piperidinylaminoC₁₋₆
alkylaminoC₁₋₆alkyl;
(C₁₋₆alkylpiperidinyl)(hydroxyC₁₋₆alkyl)aminoC₁₋₆alkylamino;
(C₁₋₆alkylpiperidinyl)(hydroxyC₁₋₆alkyl)aminoC₁₋₆alkylaminoC₁₋₆alkyl;
hydroxyC₁₋₆alkyloxyC₁₋₆alkylpiperazinyl;
hydroxyC₁₋₆alkyloxyC₁₋₆alkylpiperazinylC₁₋₆alkyl;
(hydroxyC₁₋₆alkyl)(C₁₋₆alkyl)amino; (hydroxyC₁₋₆alkyl)(C₁₋₆alkyl)aminoC₁₋₆alkyl;
hydroxyC₁₋₆alkylaminoC₁₋₆alkyl; di(hydroxyC₁₋₆alkyl)aminoC₁₋₆alkyl;
pyrrolidinylC₁₋₆alkyl; pyrrolidinylC₁₋₆alkyloxy; pyrazoly; thiopyrazoly; pyrazoly
substituted with two substituents selected from C₁₋₆alkyl or trihaloC₁₋₆alkyl; pyridinyl;
pyridinyl substituted with C₁₋₆alkyloxy, aryloxy or aryl; pyrimidinyl;
tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC₁₋₆alkyl; quinolinyl;
indolyl; phenyl; phenyl substituted with one, two or three substituents independently
selected from halo, amino, nitro, C₁₋₆alkyl, C₁₋₆alkyloxy,
hydroxyC₁₋₄alkyl, trifluoromethyl, trifluoromethyloxy, hydroxyC₁₋₄alkyloxy,
C₁₋₄alkylsulfonyl, C₁₋₄alkyloxyC₁₋₄alkyloxy, C₁₋₄alkyloxycarbonyl,
aminoC₁₋₄alkyloxy, di(C₁₋₄alkyl)aminoC₁₋₄alkyloxy, di(C₁₋₄alkyl)amino,
di(C₁₋₄alkyl)aminocarbonyl, di(C₁₋₄alkyl)aminoC₁₋₄alkyl,
di(C₁₋₄alkyl)aminoC₁₋₄alkylaminoC₁₋₄alkyl,
di(C₁₋₄alkyl)amino(C₁₋₄alkyl)amino, di(C₁₋₄alkyl)amino(C₁₋₄alkyl)aminoC₁₋₄alkyl,
di(C₁₋₄alkyl)aminoC₁₋₄alkyl(C₁₋₄alkyl)amino,
di(C₁₋₄alkyl)aminoC₁₋₄alkyl(C₁₋₄alkyl)aminoC₁₋₄alkyl,
aminosulfonylamino(C₁₋₄alkyl)amino,
aminosulfonylamino(C₁₋₄alkyl)aminoC₁₋₄alkyl,
di(C₁₋₄alkyl)aminosulfonylamino(C₁₋₄alkyl)amino,

di(C₁₋₄alkyl)aminosulfonylamino(C₁₋₄alkyl)aminoC₁₋₆alkyl, cyano, piperidinylC₁₋₄alkyloxy, pyrrolidinylC₁₋₄alkyloxy, aminosulfonylpiperazinyl, aminosulfonylpiperazinylC₁₋₄alkyl, di(C₁₋₄alkyl)aminosulfonylpiperazinyl, di(C₁₋₄alkyl)aminosulfonylpiperazinylC₁₋₄alkyl, hydroxyC₁₋₄alkylpiperazinyl, hydroxyC₁₋₄alkylpiperazinylC₁₋₄alkyl, C₁₋₄alkyloxypiperidinyl, C₁₋₄alkyloxypiperidinylC₁₋₄alkyl, hydroxyC₁₋₄alkyloxyC₁₋₄alkylpiperazinyl, hydroxyC₁₋₄alkyloxyC₁₋₄alkylpiperazinylC₁₋₄alkyl, (hydroxyC₁₋₄alkyl)(C₁₋₄alkyl)amino, (hydroxyC₁₋₄alkyl)(C₁₋₄alkyl)aminoC₁₋₄alkyl, di(hydroxyC₁₋₄alkyl)amino, di(hydroxyC₁₋₄alkyl)aminoC₁₋₄alkyl, furanyl, furanyl substituted with -CH=CH-CH=CH-, pyrrolidinylC₁₋₄alkyl, pyrrolidinylC₁₋₄alkyloxy, morpholinyl, morpholinylC₁₋₄alkyloxy, morpholinylC₁₋₄alkyl, morpholinylC₁₋₄alkylamino, morpholinylC₁₋₄alkylaminoC₁₋₄alkyl, piperazinyl, C₁₋₄alkylpiperazinyl, C₁₋₄alkylpiperazinylC₁₋₄alkyloxy, piperazinylC₁₋₄alkyl, C₁₋₄alkylpiperazinylC₁₋₄alkyl, C₁₋₄alkylpiperazinylC₁₋₄alkylamino, C₁₋₄alkylpiperazinylC₁₋₄alkylaminoC₁₋₆alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC₁₋₄alkyl, piperidinylaminoC₁₋₄alkylamino, piperidinylaminoC₁₋₄alkylaminoC₁₋₄alkyl, (C₁₋₄alkylpiperidinyl)(hydroxyC₁₋₄alkyl)aminoC₁₋₄alkylamino, (C₁₋₄alkylpiperidinyl)(hydroxyC₁₋₄alkyl)aminoC₁₋₄alkylaminoC₁₋₄alkyl, pyridinylC₁₋₄alkyloxy, hydroxyC₁₋₄alkylamino, hydroxyC₁₋₄alkylaminoC₁₋₄alkyl, di(C₁₋₄alkyl)aminoC₁₋₄alkylamino, aminothiadiazolyl, aminosulfonylpiperazinylC₁₋₄alkyloxy, or thiophenylC₁₋₄alkylamino; each R⁵ and R⁶ can be placed on the nitrogen in replacement of the hydrogen;

aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C₁₋₆alkyl, C₁₋₆alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

2. (Previously Presented) A compound as claimed in claim 1 wherein each Z is nitrogen;

R¹ is -C(O)NR⁷R⁸, -C(O)-C₁₋₆alkanediylSR⁹, -NR¹⁰C(O)N(OH)R⁹, -NR¹⁰C(O)C₁₋₆alkanediylSR⁹, or -NR¹⁰C(O)C=N(OH)R⁹

wherein R⁷ and R⁸ are each independently selected from hydrogen, hydroxy, hydroxyC₁₋₆alkyl, or aminoC₁₋₆alkyl;

R² is hydrogen, halo, hydroxy, amino, nitro, C₁₋₆alkyl, C₁₋₆alkyloxy, trifluoromethyl or di(C₁₋₆alkyl)amino;

R³ is hydrogen, hydroxy, amino, hydroxyC₁₋₆alkyl, C₁₋₆alkyl, C₁₋₆alkyloxy,

arylC₁₋₆alkyl, aminocarbonyl, aminoC₁₋₆alkyl, C₁₋₆alkylaminoC₁₋₆alkyl or di(C₁₋₆alkyl)aminoC₁₋₆alkyl;

R⁴ is hydrogen;

—**(A)** is a radical selected from (a-1), (a-3), (a-4), (a-5), (a-6), (a-7), (a-8), (a-9), (a-10), (a-11), (a-12), (a-13), (a-14), (a-15), (a-16), (a-17), (a-18), (a-19), (a-20), (a-21), (a-22), (a-23), (a-24), (a-25), (a-26), (a-28), (a-29), (a-30), (a-31), (a-32), (a-33), (a-34), (a-35), (a-36), (a-37), (a-38), (a-39), (a-40), (a-41), (a-42), (a-44), (a-45), (a-46), (a-47), (a-48) or (a-51);

each s is independently 0, 1, 2, 3 or 4;

R⁵ is hydrogen; halo; hydroxy; amino; nitro; trihaloC₁₋₆alkyl; trihaloC₁₋₆alkyloxy;

C₁₋₆alkyl; C₁₋₆alkyloxy; C₁₋₆alkylcarbonyl; C₁₋₆alkyloxycarbonyl;

C₁₋₆alkylsulfonyl; hydroxyC₁₋₆alkyl; aryloxy; di(C₁₋₆alkyl)amino; cyano; thiophenyl;

furanyl; furanyl substituted with hydroxyC₁₋₆alkyl; benzofuranyl; imidazolyl; oxazolyl;

oxazolyl substituted with aryl and C₁₋₆alkyl;

C₁₋₆alkyltriazolyl; tetrazolyl; pyrrolidinyl; pyrrolyl; morpholinyl;

C₁₋₆alkylmorpholinyl; piperazinyl; C₁₋₆alkylpiperazinyl;

hydroxyC₁₋₆alkylpiperazinyl; C₁₋₆alkyloxypiperidinyl; pyrazolyl; pyrazolyl substituted

with one or two substituents selected from C₁₋₆alkyl or trihaloC₁₋₆alkyl; pyridinyl;

pyridinyl substituted with C₁₋₆alkyloxy, aryloxy or aryl; pyrimidinyl; quinolinyl; indole;

phenyl; or phenyl substituted with one or two substituents independently selected from

halo, C₁₋₆alkyl, C₁₋₆alkyloxy or trifluoromethyl; and

R⁶ is hydrogen; halo; hydroxy; amino; nitro; trihaloC₁₋₆alkyl; trihaloC₁₋₆alkyloxy;

C₁₋₆alkyl; C₁₋₆alkyloxy; C₁₋₆alkylcarbonyl; C₁₋₆alkyloxycarbonyl;

C₁₋₆alkylsulfonyl; hydroxyC₁₋₆alkyl; aryloxy; di(C₁₋₆alkyl)amino; cyano; pyridinyl;

phenyl; or phenyl substituted with one or two substituents independently selected from

halo, C₁₋₆alkyl, C₁₋₆alkyloxy or trifluoromethyl.

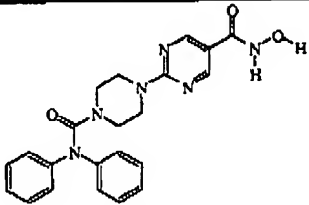
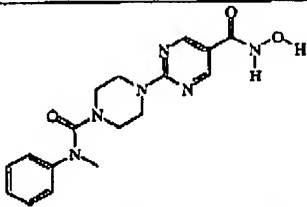
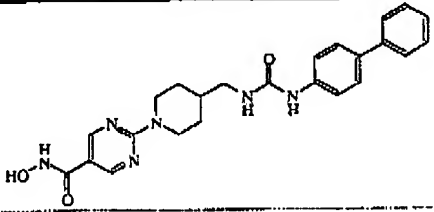
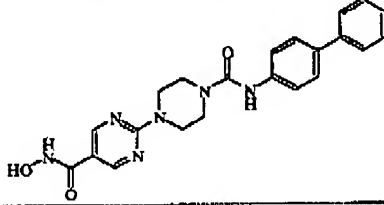
3. (Previously Presented) A compound as claimed in claim 1 wherein n is 1; -R¹ is -C(O)NR⁷R⁸, or -NHC(O)C₁₋₆alkanediylSH wherein R⁷ and R⁸ are each independently selected from hydrogen, hydroxy or hydroxyC₁₋₆alkyl; R² is hydrogen or nitro; R³ is hydrogen; when Z is equal to —CH— , then -L- is the bivalent radical -C₁₋

6alkanediylNH-; R⁴ is hydrogen, C₁₋₆alkyl or aryl; —**(A)** is a radical selected from (a-1) or (a-21); each s is independently 0, 1 or 2; and each R⁵ is independently selected from hydrogen; halo; trihaloC₁₋₆alkyl; trihaloC₁₋₆alkyloxy; C₁₋₆alkyl; C₁₋₆alkyloxy; C₁₋₆alkylcarbonyl; aryloxy, cyano or phenyl.

4. (Previously Presented) A compound as claimed in claim 1 wherein n is 1; R¹ is -C(O)NH(OH); R² is hydrogen; R³ is hydrogen; when Z is equal to $-\text{CH}-$, then -L- is the bivalent radical

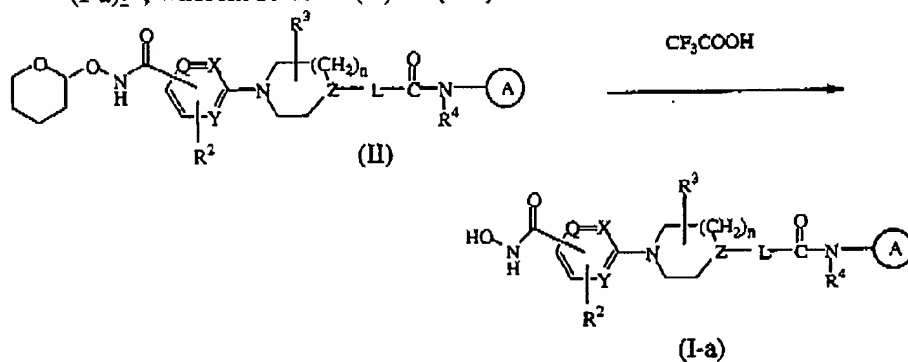
-C₁₋₆alkanediylNH-; R⁴ is hydrogen, C₁₋₆alkyl or aryl; $\text{---}(\text{A})\text{---}$ is the radical (a-1); each s is independently 0 or 1; and each R⁵ is independently selected from hydrogen or phenyl.

5. (Currently Amended) A compound selected from the group consisting of the following compounds No. 4, No. 48, No. 5 and No. 6:

	
Co. No. 4	Co. No. 48
	
Co. No. 5	Co. No. 6

6. (Previously Presented) A pharmaceutical composition comprising pharmaceutically acceptable carriers and as an active ingredient a therapeutically effective amount of a compound as claimed in claim 1.
7. (Previously Presented) A process of preparing a pharmaceutical composition as claimed in claim 6 wherein the pharmaceutically acceptable carriers and a compound as claimed in claim 1 are intimately mixed.
8. (Cancelled)
9. (Cancelled)

10. (Currently Amended) A process for preparing a hydroxamic acid compound of formula (I-a) comprising reacting an intermediate of formula (II) with an appropriate acid, trifluoro acetic acid, yielding a hydroxamic acid of the desired compound of formula (I-a); wherein R^4 is $C(O)NH(OH)$.



wherein R^2 , R^3 , R^4 , Q , X , Y , Z , L and $\text{---}A\text{---}$ are as defined in claim 1.

11. (Cancelled)
12. (Cancelled)
13. (Previously Presented) A method of treating in a subject ovarian carcinoma comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically acceptable carrier.
14. (Previously Presented) A method of treating in a subject ovarian carcinoma comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 5 and a pharmaceutically acceptable carrier.